


Training at DelTech's Environmental Training Center January – May 2009 — Please call DTCC for time, fees and CEUs.				
DTCC Owens Campus, Georgetown: (302) 855–1617		DATES	DATES	
<ul style="list-style-type: none"><li>• PUMPS: INSTALLATION, MAINTENANCE &amp; REPAIR</li><li>• WATER TREATMENT</li><li>• OSHA CONSTRUCTION SAFETY COURSE</li><li>• PROCESS CONTROL</li><li>• GLOBAL POSITIONING SYTEMS</li><li>• VALVES</li><li>• BASE LEVEL WATER OPERATOR COURSE</li><li>• WATER SUPPLY HYDROLOGY, SOURCES, AND WATER CONSERVATION</li><li>• INTRO TO VARIABLE FREQUENCY DRIVES (VFD)</li><li>• WASTEWATER OPERATOR CERTIFICATION REVIEW, LEVEL 1</li><li>• WASTEWATER OPERATOR CERTIFICATION REVIEW, LEVEL 11 &amp; 111</li><li>• PUMP HYDRAULICS</li><li>• ONSITE LICENSE PREPARATION COURSE</li><li>• COLLECTION SYSTEMS SHORT COURSE</li><li>• EVALUATING FINANCIAL CAPACITY</li><li>• PROGRAMMABLE LOGIC CONTROLS</li><li>• 21ST CENTURY PRINCIPLES OF WATER/WASTEWATER LIQUID CHLORINATION AND DE-CHLORINATION</li><li>• CHLORINE DIOXIDE DISINFECTION IN WATER/WASTEWATER PROCESS</li><li>• SUBMERSIBLE PUMPS</li><li>• WASTEWATER MATH 101</li><li>• EXCAVATION</li><li>• TIME AND PROJECT MANAGEMENT</li><li>• LOCKOUT-TAGOUT/RESPIRATOR USAGE/CONFINED SPACE ENTRY</li><li>• ONSITE WASTEWATER TREATMENT AND DISPOSAL SYSTEMS</li><li>• PIPELINE ASSESSMENT CERTIFICATION PROGRAM</li><li>• TRAIN THE TRAINER/HAZCOM/PERSONAL PROTECTION EQUIPMENT</li><li>• DOT REGS REVIEW FOR PUMPERs</li><li>• TEST METHODS FOR WATER/WASTEWATER OPERATIONS</li><li>• TEN LITTLE-KNOWN WATER/WASTEWATER OPERATORS SECRETS</li><li>• INTRO TO MAPPING AND GIS FOR OPERATORS</li><li>• THREE PHASE AC POWER WORKSHOP</li><li>• TEAM BUILDING</li><li>• REVERSE OSMOSIS FLUORIDATION</li><li>• TROUBLESHOOTING PUMPS</li><li>• CUSTOMER RELATIONS FOR ENVIRONMENTAL TECHNICIANS</li><li>• OPERATION AND MAINTENANCE OF THE PURAFLO PEAT FILTERS</li><li>• WATER/WASTEWATER OPERATIONS FOR ELECTED/APPOINTED PUBLIC OFFICIALS</li><li>• UTILITY RATE SETTING &amp; COST RECOVER</li><li>• DISINFECTION OPERATIONS FOR WATER &amp; WASTEWATER SYSTEMS</li><li>• OSHA CONSTRUCTION SAFETY COURSE</li><li>• ALTERNATIVE TREATMENTS AND DISPOSAL OPTIONS FOR WASTEWATER FACILITIES</li><li>• BASIC ELECTRICITY FOR OPERATORS</li><li>• COLLECTION SYSTEMS TROUBLESHOOTING</li><li>• PUMP FUNDAMENTALS FOR WELL DRILLERS</li><li>• WATER TREATMENT &amp; CHLORINE SAFETY</li><li>• INTRO TO SCADA</li><li>• DOT REGS REVIEW FOR PUMPERs</li><li>• SOILS</li></ul>		<ul style="list-style-type: none"><li>1/13</li><li>1/14-5/6</li><li>1/15-1/29</li><li>1/15-5/7</li><li>1/16</li><li>1/20</li><li>1/21-5/27</li><li>1/22</li><li>1/23</li><li>1/26-5/11</li><li>1/26-5/11</li><li>1/27</li><li>1/28-3/11</li><li>1/29-1/30</li><li>2/3</li><li>2/3-4/21</li><li>2/4</li><li>2/5</li><li>2/6</li><li>2/9-5/11</li><li>2/10</li><li>2/10</li><li>2/11</li><li>2/12</li><li>2/12</li><li>2/12</li><li>2/17</li><li>2/18</li><li>2/19</li><li>2/20</li><li>2/20</li><li>2/24</li><li>2/25</li><li>2/26</li><li>3/3</li><li>3/3</li><li>3/4</li><li>3/10</li><li>3/11</li><li>3/12</li><li>3/18</li><li>3/19</li><li>3/20</li><li>3/20</li><li>3/25</li><li>3/27</li><li>3/30</li><li>3/31</li></ul>	<ul style="list-style-type: none"><li>• INNOVATIVE &amp; ALTERNATIVE ONSITE SYSTEMS</li><li>• ASSET MANAGEMENT PROGRAM BASICS</li><li>• US EPA GROUNDWATER COMPLIANCE WORKSHOP</li><li>• CARE AND FEEDING OF SEPTIC SYSTEMS</li><li>• ELECTRICAL TROUBLESHOOTING FOR OPERATORS</li><li>• WELL CONSTRUCTION TECHNIQUES</li><li>• ONSITE DISPOSAL SYSTEM HYDRAULICS</li><li>• ONSITE CONTROLS SYSTEMS</li><li>• BASIC MICROSCOPY FOR WASTEWATER OPERATORS</li><li>• OPERATION AND MAINTENANCE OF THE BIO-MICROBICS FAST TREATMENT UNIT</li><li>• 21ST CENTURY ULTRA VIOLET DISINFECTION</li><li>• BIOSOLIDS RESPONSIBILITY</li><li>• ELECTRICAL BLUEPRINT READING FOR OPERATORS</li><li>• PREPARATION FOR THE DELAWARE PUMP INSTALLERS AND WELL DRILLERS EXAM</li><li>• SOILS BASED APPROACH TO SITING WASTEWATER DISPOSAL</li><li>• RISERS, BAFFLES AND FILTERS - INSTALLATION &amp; REPAIR</li><li>• OPERATION AND MAINTENANCE OF THE AMERICAN MANUFACTURING "DRIP" IRRIGATION SYSTEM</li><li>• NUTRIENT MANAGEMENT FOR OPERATORS</li><li>• FUNDAMENTALS OF SEPTIC FILATION AND STEP SYSTEMS</li><li>• DATABASE MANAGEMENT FOR OPERATORS</li><li>• DELAWARE'S HYDROGEOLOGY AND THE ROCKS AND FOSSILS OF THE MID-ATLANTIC</li><li>• CHLORINATION TECHNOLOGY</li></ul>	<ul style="list-style-type: none"><li>4/1</li><li>4/7</li><li>4/8</li><li>4/14</li><li>4/16</li><li>4/17</li><li>4/23</li><li>4/24</li><li>4/28</li><li>4/29</li><li>4/29</li><li>4/30</li><li>4/30</li><li>5/1</li><li>5/1</li><li>5/5</li><li>5/6</li><li>5/8</li><li>5/13</li><li>5/15</li><li>5/22</li><li>5/28</li></ul>
Terry Campus, Dover: (302) 857-1406				
<ul style="list-style-type: none"><li>• MATH REVIEW FOR WATER OPERATORS</li><li>• MATH REVIEW FOR WASTEWATER OPERATORS</li><li>• EFFECTIVE WATER DISTRIBUTION SYSTEM FLUSHING</li></ul>			<ul style="list-style-type: none"><li>5/20</li><li>5/27</li><li>3/13</li></ul>	
DTCC Stanton Campus: (302) 453-3000				
<ul style="list-style-type: none"><li>• WASTEWATER OPERATOR CERTIFICATION REVIEW, LEVEL 1</li><li>• WASTEWATER OPERATOR CERTIFICATION REVIEW, LEVEL II &amp; III</li><li>• 21ST CENTURY DRINKING WATER CORROSION CONTROL</li><li>• BASIC INSTRUMENTATION &amp; PROCESS CONTROL</li><li>• PUMPS: MOTORS &amp; CONTROLS</li><li>• FIRE HYDRANT OPERATION &amp; MAINTENANCE</li><li>• TIPS &amp; TOOLS FOR 21ST CENTURY WATER/WASTEWATER PROCESS MONITORING</li><li>• SURFACE WATER TREATMENT</li><li>• WATER OPERATOR CERTIFICATION DISTRIBUTION ENDORSEMENT COURSE</li></ul>			<ul style="list-style-type: none"><li>1/26-5/11</li><li>11/26-5/11</li><li>3/5</li><li>3/25</li><li>3/26</li><li>4/8</li><li>4/15</li><li>4/22</li><li>4/28-6/2</li></ul>	



DELAWARE HEALTH  
AND SOCIAL SERVICES

DIVISION OF PUBLIC HEALTH

655 Bay Road, Suite 203  
Dover, Delaware 19901  
35-05-301

Delaware Office of Drinking Water

Office of Drinking Water  
655 Bay Road, Suite 203  
Dover, DE 19901  
302.741.8630 Fax: 302.741.8631

TAP TALK H<sub>2</sub>O!

Division of Public Health

Volume 9, No. 1 Winter 2009

Tapping Into Good Health

# ODW'S newest staff member...DRIP

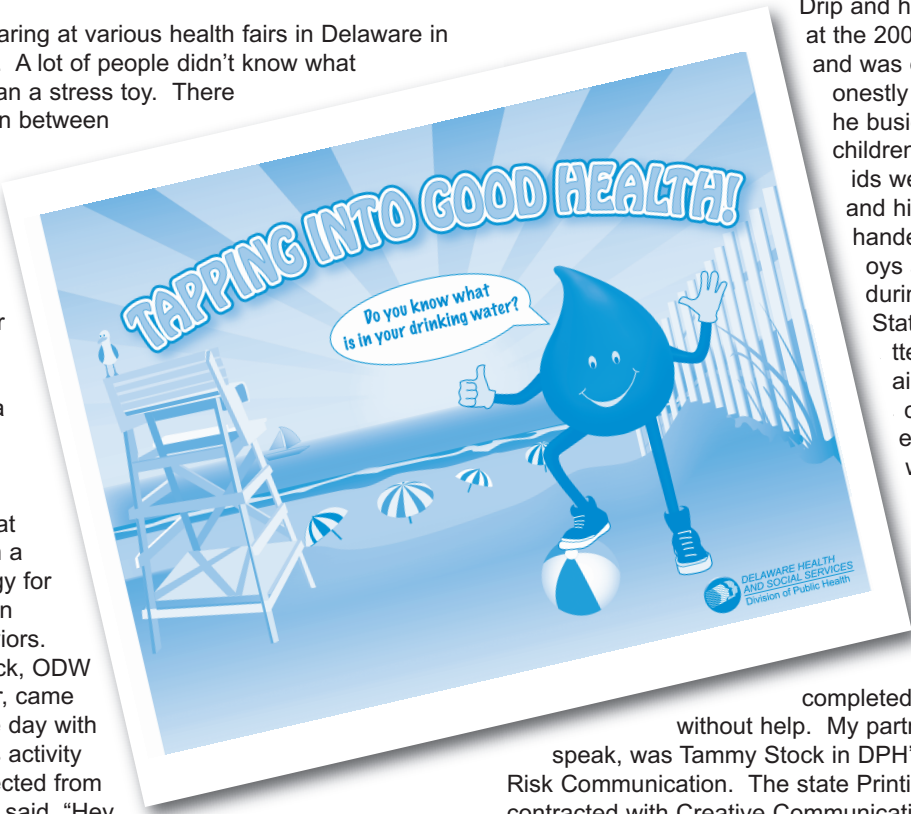
By Donna Trader

I’m sure by now your children have brought home some sort of squeeze toy that resembles a water droplet. Well, let me introduce you to Drip the ODW’s unofficial “mascot.”

aquifer, clean water crossword, and even teaches kids to fish for words.

Drip started appearing at various health fairs in Delaware in February of 2008. A lot of people didn’t know what Drip was other than a stress toy. There was no connection between

Drip and the drinking water program in Delaware. That is how the idea of using Drip as the host character of the new publication was suggested. Why a children’s activity book you ask? Prevention and education aimed at children has been a successful strategy for making changes in beliefs and behaviors. Actually Ed Hallock, ODW program manager, came into my office one day with another children’s activity book that he collected from a conference and said, “Hey, we should do something similar.” So the idea was hatched to create an activity book for children that educated them about where drinking water in Delaware comes from, ways to conserve water, the natural water cycle, and how water treatment works. Drip is featured throughout the book teaching children how to make an edible



Drip and his activity book debuted at the 2008 Delaware State Fair and was quite the success. I can onestly say that our table was he busiest table during children’s day. Even the big ids were curious about Drip and his adventures. ODW handed out about 700 Drip oys and activity books during children’s day at the State Fair. ODW also ttended numerous health airs this fall that included chool wellness days at elementary schools. Drip was even a hit at the Women’s Wellness Day. Attendees were eager to take Drip home to heir children and grandchildren.

I couldn’t have completed the activity book without help. My partner in crime, so to speak, was Tammy Stock in DPH’s Office of Health and Risk Communication. The state Printing and Publishing Office contracted with Creative Communications who brought our idea to life. “Tapping into Good Health” featured Drip on the beach for the front cover. Tapping into Good Health is a twelve page, full color booklet that was printed on recycled paper. ODW’s initial print order was 10,000 so there are plenty to spare. ODW is taking request for bulk copies so please contact ODW at 302-741-8630.



DELAWARE HEALTH AND SOCIAL SERVICES

Division of Public Health

Office of Drinking Water

## The Administrator's Corner



By Ed Hallock

Program Administrator  
Office of Drinking Water

It is the last day of 2008 as I write this article. It has been an interesting year in many ways. My office is preparing for transitions to new administrations on both the national and state levels. We can only be sure of one thing; there will be changes from the previous administrations. With the recession hitting everyone hard we feel lucky to still have jobs. I am sure there will be a top to bottom review of every state office to determine the effectiveness of their operations. We have already begun that process in our Drinking Water State Revolving Fund Program by holding a three day planning session in October 2008. A planning session for the Public Water System Supervision Program is being scheduled for February or March of 2009. We will look at how we currently provide services to public water systems and the public and try to identify better ways of doing our jobs that will make the office more effective and efficient.

The Federal government is talking about an economic recovery plan; others call it a stimulus package, whatever you want to call it we are waiting to see how much money

will be provided for drinking water infrastructure projects. Our office has already identified almost \$50 million in projects ready to go. Municipalities are calling in daily to see how they can become eligible for funding when it becomes available. We are reviewing projects and working with water systems and their engineers to be sure they are prepared once the money is allocated. The current proposals all call for funding projects that can be "shovel-ready" within 150 to 180 days. This will require a lot of work by all of us to review the projects, ensure they are ready to go and track them. The US EPA has already begun to look at new tracking tools for the states that will be more detailed than anything we have seen in the past. We will need to be able to track start dates, funding disbursements and numbers of people put to work for each phase of a project. This is a head's up to the water systems to be prepared for more questions if your projects are approved and funded.

Yes, it has been a very interesting year and it is looking like 2009 will be no less interesting. I wish the best to everyone in the New Year and I am looking forward to the challenges ahead. This is primarily because there is no chance that I can retire early after the year the stock market had in 2008!

## Update on ODW's website

By Donna Trader

ODW's website went through some changes last year to meet the Delaware Department of Technology and Information and DHSS requirements.

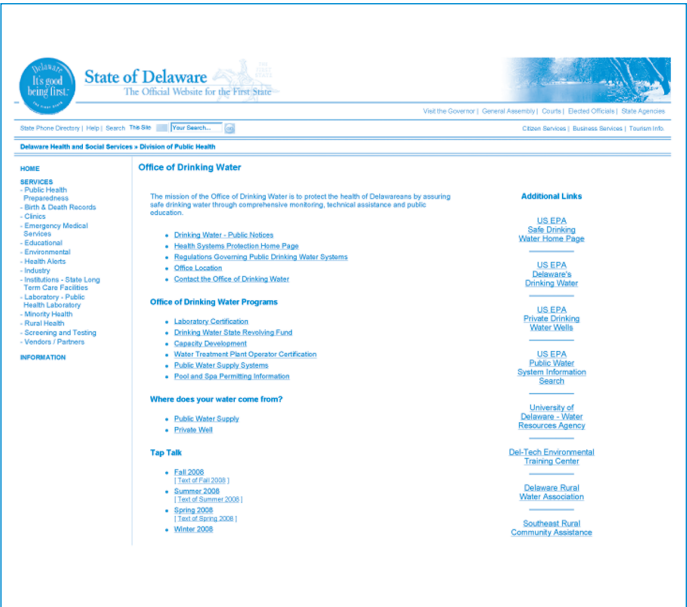
ODW's homepage has been modified to have additional links on one side of the page as well as links to the Division of Public Health (DPH) homepage on the left.

On our homepage, you can find links to Public Notices, Regulations, Drinking Water State Revolving Fund, Water Operator Certification, as well as Pool and Spa information.

Special thanks to Jamie Mack for aiding us in our homepage design and updates.

Our homepage can be found at the following URL:

<http://www.dhss.delaware.gov/dhss/dph/hsp/odw.html>



## Public Notices 2009

System Name	Notice type	PN date	PN removal
Artesian Water Company	Monitoring	08/26/08	12/31/05
Bargain Bills	Nitrate	08/14/08	12/01/08
Bayshore Mobile Home Park	Bacti	10/31/08	12/01/08
Bridgeville Commercial Park	Nitrate	09/19/07	Pending
Church Creek	Bacti	09/22/08	09/30/08
De-Lux Dairy Market - Seaford	Nitrate	10/31/08	Pending
Dow-Reichold Chemicals	Bacti	09/19/08	12/24/08
Felton District	Bacti	12/01/08	12/11/08
Fish Hook Mobile Home Park	Nitrate	12/09/08	Pending
Forest Park	Nitrate	10/12/05	11/03/08
Forest Park	Nitrate	11/13/08	Pending
Frederica Water Department	Treatment	08/17/07	Pending
Fruitbud LLC	Bacti	11/05/08	12/08/08
Granada Mobile Home Park	Bacti	09/22/08	12/23/08
Hy-Point Dairy	Bacti	10/01/08	11/25/08
Middletown Water Department	Monitoring	08/29/08	09/30/08
Middletown Water Department	Bacti	09/29/08	11/12/08
Papen Farms	Nitrate	10/31/08	Pending
Peggy's Family Restaurant	Bacti	11/21/08	12/08/08
Pepper Ridge Park	DBP	12/26/07	Pending
Pepper Ridge Park	Bacti	12/17/08	Pending
Playtex Products	Bacti	12/12/08	Pending
Savannah Place	Nitrate	04/28/05	11/18/08
Savannah Place	Nitrate	12/15/08	Pending
Sea Breeze Longs Trailer Park	Bacti	07/02/07	05/21/08
Shawns Hideaway Sys 3	Bacti	12/15/08	Pending
Shore Stop 256 - Milford	Bacti	07/23/08	Pending
Shore Stop 256 - Milford	Nitrate	10/29/08	Pending
Smith Landing - System I	Nitrate	09/29/08	Pending
Sports at the Beach	Nitrate	07/17/08	Pending
Tall Pines - System 1	Bacti	09/11/08	12/23/08
Thomas England House	Bacti	07/31/08	12/12/08
Valeries Bar and Grill	Bacti	08/18/08	11/07/08
Williamsville Country Village	Nitrate	09/02/08	12/23/08
Willis Auto Mall	Bacti BW	09/19/08	12/09/08
Woodside Inn	Bacti	07/24/08	10/16/08
Woodside Inn	Bacti BW	09/08/08	10/16/08